



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

KUSAKA

Appln. No.: 09/745,430

Filed: December 26, 2000

Title: DIFFERENTIAL INTERFERENCE OPTICAL SYSTEM

Confirmation No.: 1555

Group Art Unit: 2872

Examiner: C. SPYROU

#111 A
T. Young
1-31-03

January 22, 2003

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AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated August 23, 2002, please amend the above
identified application as follows:

IN THE CLAIMS:

Please enter the following amended claims:

1. (Amended) A differential interference optical system comprising:
- an illumination source;
 - a first polarizing element for converting a ray of light emitted from said illumination source into linearly polarized light;
 - a first polarizing member for separating said linearly polarized light converted by said first polarizing element into two linearly polarized components which vibrate perpendicular to each other and travel at a slight separation angle;
 - a lens system for illuminating and observing an object to be observed;
 - a second polarizing member for combining said two linearly polarized components on an identical path after passing through said lens system; and

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01 FC:1202 90.00 CH
02 FC:1201 252.00 CH